

WEB PROGRAMMING LAB

5. Develop an HTML page named as “newpaper.html” having a variety of HTML semantic elements with background colors, text-colors & size for figure, table, aside, section, article, header, footer... etc.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">

<title>The Daily News</title>

<style>

body {
font-family: 'Georgia', serif;
line-height: 1.6;
color: #333;
max-width: 1200px;
margin: 0 auto;
padding: 20px;
background-color: #f4f4f4;
}

header {
background-color: #1a1a1a;
color: #fff;
padding: 20px;
text-align: center;
}

header h1 {
margin: 0;
font-size: 2.5em;
}
```

```
nav {  
background-color: #333;  
color: #fff;  
padding: 10px;  
}
```

```
nav ul {  
list-style-type: none;  
padding: 0;  
margin: 0;  
display: flex;  
justify-content: center;  
}
```

```
nav ul li {  
margin: 0 10px;  
}
```

```
nav ul li a {  
color: #fff;  
text-decoration: none;  
}
```

```
main {  
display: flex;  
margin-top: 20px;  
}
```

```
section {  
flex: 2;  
margin-right: 20px;  
}
```

```
article {  
background-color: #fff;  
padding: 20px;
```

```
margin-bottom: 20px;
box-shadow: 0 0 10px rgba(0,0,0,0.1);
}

article h2 {
color: #1a1a1a;
font-size: 1.8em;
}

aside {
flex: 1;
background-color: #e6e6e6;
padding: 20px;
box-shadow: 0 0 10px rgba(0,0,0,0.1);
}

figure {
margin: 0;
text-align: center;
}

figure img {
max-width: 100%;
height: auto;
}

figcaption {
font-style: italic;
color: #666;
font-size: 0.9em;
}

table {
width: 100%;
border-collapse: collapse;
margin-bottom: 20px;
}
```

```
th, td {  
border: 1px solid #ddd;  
padding: 10px;  
text-align: left;  
}  
  
th {  
background-color: #f2f2f2;  
}  
  
footer {  
background-color: #1a1a1a;  
color: #fff;  
text-align: center;  
padding: 10px;  
margin-top: 20px;  
}  
  
</style>  
</head>  
  
<body>  
  
<header>  
<h1>The Daily News</h1>  
</header>  
  
<nav>  
<ul>  
<li><a href="#">Home</a></li>  
<li><a href="#">Politics</a></li>  
<li><a href="#">Technology</a></li>  
<li><a href="#">Sports</a></li>  
<li><a href="#">Entertainment</a></li>  
</ul>  
</nav>
```

```
<main>
<section>

<article>
<h2>Breaking News: Major Technological Breakthrough</h2>
<p>Scientists have announced a groundbreaking discovery in the field of quantum computing, potentially revolutionizing the tech industry.</p>
<figure>

<figcaption>A state-of-the-art quantum computer at the research facility</figcaption>
</figure>
</article>

<article>
    <h2>Technology: Innovations of 2024</h2>
    <p>Technology journalism includes genres such as news, reports, and analysis covering a wide variety of topics, including communications technologies, the Internet, social media, the IT industry, scientific research, robotics, and laws and policy regarding the digital world.</p>

    <!-- Table to display tech statistics -->
    <table>
        <tr>
            <th>Technology</th>
            <th>Impact</th>
            <th>Year</th>
        </tr>
        <tr>
            <td>Artificial Intelligence</td>
            <td>Major Breakthrough</td>
            <td>2024</td>
        </tr>
    </table>
</article>
```

```
</tr>
<tr>
    <td>Quantum Computing</td>
    <td>Commercial Release</td>
    <td>2024</td>
</tr>
</table>
</article>
</section>

<aside>
<h3>Weather Update</h3>
<p>Expect sunny skies with a high of 75°F (24°C) today.</p>
<h3>Upcoming Events</h3>
<ul>
<li>City Festival - This Weekend</li>
<li>Tech Conference - Next Month</li>
<li>Climate Change Impact in 2024</a></li>
    <li>Top Tech Startups</a></li>
    <li>Global Political News</a></li>
</ul>
</aside>
</main>

<footer>
<p>© 2024 The Daily News. All rights reserved.</p>
</footer>

</body>
</html>
```